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XP-002273523

AN - 1990-176242 [23]

AP - JP19880271821 19881026 JP19880271821 19881026; [Previous Publ.
J02117403]

CPY - OKUR

DC - A25 A95 P73 Q11

FS - CPI;GMPI

IC - B32B27/40 ; B60C1/00 ; B60C5/02

MC - A05-G02 A05-G03 A11-B09A2 A12-T01

PA - (OKUR) OKURA IND CO LTD

PN - JP2117403 A 19900501 DW199023 000pp

- JP2718721B2 B2 19980225 DW199813 B60C5/02 004pp

PR - JP19880271821 19881026

XA - C1990-076861

XIC - B32B-027/40 ; B60C-001/00 ; B60C-005/02

XP - N1990-136830

AB - J02117403 The polyurethane multilayer tube has thermoplastic polyurethane resin as main body. Polyether polyurethane resin is laminated on at least an adipate ester polyurethane resin layer having a thickness of 30-95% of the total thickness. The multilayer tube has a hardness (Japanese Industrial Standards) of 50-90 Hs.

- The adipate ester polyurethane resin has one or at least one of poly(ethylene adipate), poly(propylene adipate), or poly(1,4-butylene adipate) as a polyol component. The polyether polyurethane resin has one or at least one of polypropylene glycol, or polytetramethylene glycol as a polyol component.

- USE/ADVANTAGE - The polyurethane multilayer tube is used for bicycles, or motor cycles. Covering the adipate ester polyurethane resin layer with the polyether polyurethane resin provides the multilayer tube with flexibility, resiliency, abrasion resistance provided by the polyurethane resin, water proofing property, fungus proofing property, and air retention property. (5pp Dwg.No.0/0)

IW - POLYURETHANE MULTILAYER TUBE TWO WHEEL VEHICLE THERMOPLASTIC POLYURETHANE RESIN MAIN BODY POLYETHER POLYURETHANE RESIN LAMINATE ADIPATE ESTER POLYURETHANE RESIN LAYER

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NC - 001

OPD - 1988-10-26

ORD - 1990-05-01

PAW - (OKUR) OKURA IND CO LTD

TI - Polyurethane multilayer tube for two-wheeled vehicle - has thermoplastic polyurethane resin main body with polyether-polyurethane resin laminated on adipate ester polyurethane resin layer